



2#542
J. Douglas
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PTO/SB/81 (05-03)

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POWER OF ATTORNEY OR AUTHORIZATION OF AGENT

Application Number	09/715,778
Filing Date	November 17, 2000
First Named Inventor	Dennis
Title	Prioritizing Resource in...
Art Unit	
Examiner Name	
Attorney Docket Number	NC 84.779

I hereby appoint:

☒ Practitioners at Customer Number

26384

OR

☐ Practitioner(s) named below:

26384

PATENT TRADEMARK OFFICE

Name	Registration Number

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

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I am the:

☐ Applicant/Inventor.☒ Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

SIGNATURE of Applicant or Assignee of Record

Name Thomas E. McDonnell

Signature

Date 23 Jan 2003

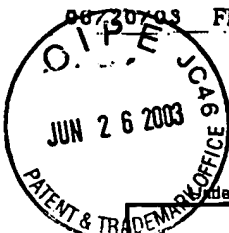
Telephone 703-696-4000

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

☐ Total of _____ forms are submitted.

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/98 (04-03)

Approved for use through 04/30/2003. OMB 0651-0031
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STATEMENT UNDER 37 CFR 3.73(b)Applicant/Patent Owner: United States of America as Represented by the Secretary of NavyApplication No./Patent No.: 09/715,778 Filed/Issue Date: November 17, 2000Entitled: "Prioritizing Resource Utilization in Multi-Thread Computing"
Entitled: System-UTILITYUnited States of America as
Represented by the Secretary of Navy Government Agency
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.
The extent (by percentage) of its ownership interest is _____ %
in the patent application/patent identified above by virtue of either:

A. [] An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

B. [X] A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: Jack B. Dennis To: Acorn Networks, Inc.
The document was recorded in the United States Patent and Trademark Office at
Reel 011633, Frame 0764, or for which a copy thereof is attached.
United States of America as Represented
2. From: Acorn Networks, Inc. To: by the Secretary of Navy
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.
3. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

[] Additional documents in the chain of title are listed on a supplemental sheet.

[X] Copies of assignments or other documents in the chain of title are attached.
(NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08)

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

22 June 2003
Date
703-696-7022
Telephone number

Thomas E. McDonnell
Typed or printed name
Thomas E. McDonnell
Signature
Patent Counsel of the Navy
Title

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Technology Center 2600

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

ASSIGNMENT

WHEREAS, ACORN NETWORKS, INC., a corporation organized under the laws of _____ is the lawful owner of the entire right, title, and interest in the following patents and/or patent applications:

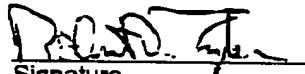
Patent Title	Application/Patent Number	Inventors
Real-Time Scheduler Method and Apparatus	Patent #US 6,195,699 B1	Jack B Dennis
Multithread Computer Design to Support an Advanced Programming Model	60/166,684	Jack B Dennis
Multiple Buffer Queuing of Data Packets with High Throughput Rate	09/688,407	Tam-Anh Chu
Multi-Thread Peripheral Processing Using Dedicated Peripheral Bus	09/715,772	Jack B Dennis, Sam B Sandbote
Locking Memory Accesses in Multi-Thread Computing System	09/715,773	Jack B Dennis
Prioritizing Resource Utilization in Multi-Thread Computing System	09/715,778	Jack B Dennis
Priority Mechanism for a Multithreaded Computer	60/166,685	Jack B Dennis
Integrated Processor for Multithread Computer with Real-Time Input/Output Capability	60/166,686	Jack B Dennis
Data-Locking Scheme for Multithread Computer	60/166,667	Jack B Dennis
System and Method for Processing Overlapping Tasks in a Programmable Network Processor Environment	09/833,581	Jack B Dennis, Joel Z Apisdorf, Sam B. Sandbote
System and Method for Data Forwarding in a Programmable Network Processor Environment	09/833,578	Jack B Dennis, Joel Z Apisdorf, Michael D Poole
System and Method for Instruction-Level Parallelism in a Programmable Network Processor Environment	09/833,580	Joel Z Apisdorf, Sam B. Sandbote
Adaptive Control of Multiplexed Input Buffer Channels	09/859,150	Sam B Sandbote
Shift Processing Unit	09/933,786	Sam B Sandbote

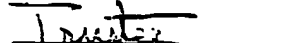
WHEREAS, the Government of the United States, as represented by the Secretary of the Navy and hereinafter referred to as the Government, is desirous of acquiring an assignment of the invention disclosed in said applications and/or patents; and

WHEREAS, Acorn Networks, Inc., is desirous of granting such an assignment;

NOW, THEREFORE, in consideration of good and valuable consideration the receipt of which is hereby acknowledged, Acorn Networks, Inc. hereby assigns and transfer to the Government the entire right, title and interest in and to U.S. Patent No. 6,195,699, and in and to U.S. Patent Application Nos. 60/166,684, 09/688,407, 09/715,772, 09/715,773, 09/715,778, 60/166,685, 60/166,686, 60/166,667, 09/833,581, 09/833,578, 09/833,580, 09/859,150, and 09/933,786, and the entire right, title and interest in and to any continuation, division, or substitution thereof, and such Letters Patent as may issue therefrom and any reissue or extensions thereof, said invention, application and Letters Patent to be held by the Government to the end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by Acorn Networks, Inc. had this assignment not been made.

Executed this 11th day of JUNE, 2002, at ALEXANDRIA, VA


Signature


Title

UNITED STATES BANKRUPTCY COURT
Eastern District of Virginia
Alexandria Division

In Re:

CASE NO. 02-81375-RGM

ACORN NETWORKS, INC.

Debtor(s)

(Chapter 7)

APPOINTMENT OF INTERIM TRUSTEE AND TRUSTEE
AND DESIGNATION OF REQUIRED BOND

ROBERT O. TYLER of ALEXANDRIA, VIRGINIA,

is hereby appointed Interim Trustee for the estate(s) of the above named debtor(s). Unless a trustee is elected at the meeting of creditors to be called pursuant to Section 341 of Title 11, United States Code, in the above referenced case, the Interim Trustee shall serve as Trustee.


This case is covered by the blanket bond for Chapter 7 case Trustees, a copy of which is on file with the Court.

March 26, 2002

Dated

W. Clarkson McDow, Jr.
United States Trustee

By:


Dennis J. Early
Asst. U.S. Trustee
115 S. Union Street
Suite 210
Alexandria, Virginia 22314
(703) 557-7176

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ASSISTANT SECRETARY AND COMMISSIONER
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Washington, D.C. 20231

BLAKELY SOKOLOFF TAYLOR & ZAFMAN LLP
COSTA MESA
JUNE 06, 2001
STATUS DB-LA

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
THINH V. NGUYEN
12400 WILSHIRE BLVD, 7TH FLR.
LOS ANGELES, CA 90025

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BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN
LOS ANGELES

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UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 11/17/2000

REEL/FRAME: 011633/0764
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

DENNIS, JACK B.

DOC DATE: 11/16/2000

ASSIGNEE:

ACORN NETWORKS, INC.
11491 SUNSET HILLS ROAD, SUITE 350
RESTON, VIRGINIA 20190

SERIAL NUMBER: 09715778
PATENT NUMBER:

FILING DATE: 11/17/2000
ISSUE DATE:

TARA WASHINGTON, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

ASSIGNMENT

(For Execution Prior To Filing Patent Application)

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned:

Jack B. Dennis

hereby sell, assign, and transfer to:

Acorn Networks, Inc.

a corporation of Delaware, having a principal place of business at 11491 Sunset Hills Road, Suite 350, Reston, Virginia 20190, ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all inventions and improvements that are disclosed in the application for the United States patent that has been executed by the undersigned prior hereto or concurrently herewith on the dates indicated below and is entitled:

Prioritizing Resource Utilization in Multi-Thread Computing System

and in and to said application and all divisional, continuing, continuation-in-part, substitute, renewal, reissue, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said inventions and improvements; and in and to all original and reissued patents that have been or shall be issued in the United States and all foreign countries on said inventions and improvements; and in and to all rights of priority resulting from the filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said inventions and improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional, continuing, continuation-in-part, substitute, renewal, reissue, and all other patent applications on any and all said inventions and improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said inventions and improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said inventions and improvements and for vesting title to said inventions and improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

Each inventor: Please also list the date that you signed the accompanying DECLARATION & POWER OF ATTORNEY

[illegible][illegible]

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